

ABSTRACT

An Al-Zn-Mg-Cu alloy with improved damage tolerance-strength combination properties. The present invention relates to an aluminium alloy product comprising or consisting essentially of, in weight %, about 6.5 to 9.5 zinc (Zn), about 1.2 to 2.2 % magnesium (Mg), about 1.0 to 1.9 % copper (Cu), preferable $(0.9\text{Mg}-0.6) \leq \text{Cu} \leq (0.9\text{Mg}+0.05)$, about 0 to 0.5% zirconium (Zr), about 0 to 0.7% scandium (Sc), about 0 to 0.4% chromium (Cr), about 0 to 0.3% hafnium (Hf), about 0 to 0.4% titanium (Ti), about 0 to 0.8% manganese (Mn), the balance being aluminium (Al) and other incidental elements. The invention relates also to a method of manufacturing such as alloy.